Index of Claims

| Application/Co | ontrol No. |
|----------------|------------|
|----------------|------------|

Applicant(s)/Patent under Reexamination

10/829,250

HATTORI ET AL. Art Unit

Examiner

Elizabeth Slobodyansky, PhD

1652

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Final | | | | \neg | Т | - | | | | | | Claim | | | | Date | | | | | | aim | Date | | | | | | | | |
|--------------------------------------------------|----------|----------|-----------|----------|---------------------------------------------------|--------------------|---------|---------|--------|-----|---------------|----------|--------------------|----------|--------------|------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|-------|------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|
| - | Original | 8/3/06 | | | | | | | | | Final | Original | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | | \dashv | | + | | 1 | 十 | +- | | | 51 | | \dashv | + | \vdash | | +- | \vdash | | | 101 | | | _ | \neg | - | | 十 | ᅥ | ᅱ |
| | 1 | | \Box | \top | \neg | T | \top | \top | | | | 52 | \Box | | 1 | П | \neg | 1 | | | | 102 | | \Box | ヿ | \neg | \neg | | ヿ | ╛ | ヿ |
| | 3 | | П | T | 丁 | | | T | | | | 53 | П | | 1 | H | | \top | | | | 103 | | Ħ | T | ヿ | \neg | | T | ヿ | \neg |
| | 4 | | | | \Box | | | | | | | 54 | | | | | | | | | | 104 | | | | | | | | | |
| | 5 | | | | | | | | | | | 55 | | | | | | | | | | 105 | | | | | | | | | |
| | 6 | | | | | \perp | Щ. | _ | | | | 56 | \perp | _ | <u> </u> | Ш | | \bot | Ш | | | 106 | | Ц | _ | _ | _ | | _ | _ | |
| \sqcup | | | \sqcup | \perp | \perp | \perp | _ | \perp | 4_ | | | 57 | \Box | | | \sqcup | <u> </u> | | \perp | | | 107 | | | \dashv | _ | _ | | \dashv | _ | _ |
| \longrightarrow | -8 | | 4 | 4 | 4 | 4 | 4 | 4 | | | | 58 | 4 | _ | | Щ | _ | 4_ | Ш | | | 108 | | | 4 | _ | _ | | 4 | 4 | \dashv |
| | | | _ | _ | 4 | _ | - - | \perp | 4 | | | 59 | \perp | 4 | - | Ш | _ | | Ш | | | 109 | | | _ | _ | \dashv | \Box | _ | _ | _ |
| \longrightarrow | 10 | _ | _ | _ | + | _ | _ | 4 | - | | | 60 | \vdash | | | \vdash | | + | \perp | | | 110 | _ | \dashv | _ | | 4 | | _ | \dashv | _ |
| \vdash | 11 | | -+ | + | + | + | + | + | - | | | 61 | \perp | + | + | Н | _ | - | \vdash | | | 111 | | \dashv | \dashv | | \dashv | _ | + | \dashv | ᅴ |
| | 12 13 | | - | + | + | | + | + | + | | | 62 63 | \vdash | + | + | $\vdash \vdash$ | + | + | $\vdash\vdash$ | | - | 112 113 | \vdash | | \dashv | | | | - | - | |
| | 14 | ᅴ | + | + | + | + | + | + | + | | - | 64 | \dashv | + | + | $\vdash \vdash$ | - | + | + | | | 113 | \vdash | \vdash | \dashv |
| | 15 | + | \dashv | + | + | + | + | + | + | | | 65 | \dashv | + | +- | \vdash | + | + | \dashv | | - | 115 | \vdash | | \dashv | | | | -+ | \dashv | \dashv |
| | 16 | + | + | + | + | + | + | + | + | | | 66 | - | + | + | $\left \cdot \right $ | + | + | $\vdash \vdash$ | | | 116 | \vdash | \vdash | \dashv |
| \vdash | 17 | Ť | \dashv | + | + | ┰ | + | + | +- | | | 67 | \dashv | + | + | Н | + | + | Н | | | 117 | Н | \dashv | \dashv | - | \dashv | | \dashv | - | \dashv |
| | 18 | + | -+ | \dashv | + | ╁ | ╅ | ╅ | + | | | 68 | \dashv | + | + | Н | \dashv | +- | \vdash | | | 118 | Н | - | - | _ | \dashv | \dashv | \dashv | \dashv | ᅱ |
| | 19 | + | \dashv | + | + | ╅ | 十 | + | + | | | 69 | | + | ╁ | \vdash | + | + | \vdash | | | 119 | \vdash | | _ | _ | \dashv | \dashv | \dashv | -+ | ᅥ |
| \Box | 20 | + | | 十 | Ť | ╅ | ╅ | + | + | | | 70 | _ | + | + | | | _ | | | | 120 | | - | 7 | _ | 寸 | _ | \dashv | + | ᅥ |
| | 21 | + | 十 | + | + | + | ╅ | 十 | | | | 71 | $\neg \uparrow$ | \dashv | \top | П | \dashv | + | П | | | 121 | | | \dashv | | \neg | | _ | 寸 | \dashv |
| | 22 | + | \neg | \neg | ╅ | 1 | 十 | 十 | | | | 72 | | \neg | 1 | | $\neg \vdash$ | 1 | | | | 122 | | | \neg | T | 寸 | 寸 | \neg | 寸 | ᆿ |
| o | 23 | + | ヿ | \neg | _ | _ | 7 | \top | | | | 73 | | | 1 | | | | | | | 123 | | | | | \neg | \neg | | 7 | ヿ |
| | 24 | + | | | | | | | | | | 74 | | | | | Ī | | П | | | 124 | | | | | | | | | \neg |
| | 25 | + | | | | | | | | | | 75 | | | | | | | | | | 125 | | | | | \Box | | | | |
| | 26 | + | | | | | | \perp | | | | 76 | | | | Ш | | | | | | 126 | | | | | | | | \Box | |
| | 27 | + | | | | | | _ _ | | | | 77 | | | | Ш | | | | | | 127 | | | \perp | | \perp | _ | | _ | \Box |
| \longrightarrow | 28 | + | _ | _ | _ | ┸ | | _ _ | | | | 78 | _ | _ | - - | Ш | | _ | Ш | | | 128 | | | _ | | _ | _ | \perp | _ | _ |
| | 29 | + | 4 | 4 | 4 | ┸ | 4 | _ | \bot | 4 | | 79 | | \perp | \bot | Ш | _ | \bot | Ш | | | 129 | | \perp | _ | | _ | _ | _ | _ | |
| \longrightarrow | 30 | + | _ | _ | + | \perp | 4 | + | + | | | 80 | \dashv | + | ┿ | Ш | | 4 | Ш | | | 130 | - | | _ | _ | _ | _ | 4 | - | |
| $-\!\!-\!\!\!-\!\!\!\!+$ | 31 | _ | \dashv | + | + | + | - | + | - | | | 81 | \rightarrow | + | +- | Н | + | +- | Н | M, | | 131 | | \dashv | \dashv | _ | \dashv | 4 | - | - | _ |
| | 32 | + | - | _ | | + | + | + | + | | | 82 | \dashv | + | + | \vdash | | - | Н | | | 132 | \dashv | _ | 4 | - | \dashv | - | \dashv | - | ᅴ |
| | 33 34 | + | -+ | + | + | + | + | + | + | | | 83 84 | \dashv | + | +- | \vdash | | + | \vdash | | | 133 134 | Н | \dashv | | \dashv | | | -+ | 4 | ᅱ |
| -+ | 35 | + | \dashv | + | + | + | + | ╬ | | | | 85 | \dashv | + | +- | \vdash | + | + | H | | | 135 | Н | \dashv | \dashv | - | \dashv | \dashv | \dashv | \dashv | \dashv |
| -+ | 36 | - | + | + | + | + | + | + | + | | | 86 | | -+ | + | \vdash | + | + | \vdash | | | 136 | Н | - | \dashv | \dashv | \dashv | \dashv | \dashv | \dashv | ᅱ |
| -+ | 37 | \dashv | \dashv | \dashv | + | + | + | + | + | | | 87 | + | 十 | +- | ┌┤ | + | + | \vdash | | | 137 | $\vdash\vdash$ | \dashv | \dashv | \dashv | \dashv | ┪ | \dashv | + | \dashv |
| _ | 38 | | 十 | \dashv | - - | + | ╁ | + | + | | | 88 | \dashv | + | + | \vdash | \dashv | + | H | H | - | 138 | Н | \dashv | \dashv | ᅥ | \dashv | \neg | \dashv | \dashv | ᅱ |
| | 39 | | \dashv | \dashv | + | + | + | 十 | + | | - | 89 | \dashv | \top | + | \vdash | \dashv | +- | \forall | | | 139 | \vdash | | 一 | \dashv | \dashv | \neg | \dashv | \dashv | \dashv |
| -1 | 40 | \dashv | 一 | 十 | 十 | 十 | + | 十 | \top | | - | 90 | \top | \top | + | H | \top | \top | Н | 1 | | 140 | \Box | | 7 | _ | \dashv | \neg | \dashv | 7 | \dashv |
| | 41 | \dashv | \dashv | _ | _ | \top | 十 | 十 | \top | | | 91 | 十 | 1 | \top | \sqcap | \top | \top | \sqcap | 134 | | 141 | | \neg | 7 | 寸 | \dashv | \neg | _ | 7 | \dashv |
| $\neg \uparrow$ | 42 | \neg | | _ | + | \top | 十 | 十 | | | | 92 | \top | \top | 1 | М | \top | \top | П | | | 142 | П | | 1 | T | \dashv | 一 | 1 | 7 | \dashv |
| | 43 | | \exists | | | 丁 | ┱ | 1 | | | | 93 | | | T | | | I^- | | | | 143 | | | _1 | | | | | | |
| | 44 | | | | | | I | | | | | 94 | | | | | ╧ | \perp | | | | 144 | | | | | | J | | | |
| | 45 | | | I | I | \perp | \perp | I | | | | 95 | | Ι | $oxed{\Box}$ | | | I | | | | 145 | | | \Box | | \Box | | | \Box | |
| | 46 | | \Box | \perp | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oldsymbol{\perp}$ | \perp | \perp | | | | 96 | | | | Ш | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}$ | | | | 146 | | | \Box | \Box | \prod | | \bot | \Box | |
| | 47 | | | \Box | $oxed{\bot}$ | | \perp | I | | | | 97 | | | | \square | | | | | | 147 | | | | | | | | | |
| | 48 | | \Box | | \perp | \perp | I | Ţ | | | | 98 | $\Box I$ | | $oxed{\Box}$ | П | | <u> </u> | 1 1 | |] | 148 | | | \Box | \Box | \Box | | \bot | \bot | \Box |
| \perp | 49 | _ | \dashv | _ _ | 丄 | | \bot | \bot | — | | ightharpoonup | 99 | $\perp \downarrow$ | | 4_ | Ш | Ц. | | Ш | | | 149 | | | _ | _ | | | 4 | 4 | _ |
| $oldsymbol{oldsymbol{\perp}}$ | 50 | | | \perp | \perp | | | _L_ | | 115 | | 100 | | _ _ | | | | | L | | | 150 | | | 1 | | ᆚ | | \perp | \perp | \Box |